

# REPLACEMENT SHEET

**FIG. 13**

ROW	PRIMER SEQUENCE	SEQ ID NO	SEQUENCED SEQUENCE	SEQ ID NO	PREDICTEDGAM RNA	SEQ ID NO	DIST- ANCE	GAM- NAME
1*	AATTGCTTGAAC	4204948	CCAGGAAGTGGA	4204977	AATTGCTTGAACCCAGGAAGTGGA	4205006	0	25-A
2*	ACTGCACTCC	4204949	AGCCTGGGC	4204978	ACTGCACTCCAGCCTGGGCTAC	4205007	0	351661-A
3	CACTGCACTC	4204950	CAGCCCGAGCAACA	4204979	CACTGCACTCCAGCCCGAGCAA	4205008	0	351946-A
4	CTAGACTGAAG	4204951	CTCCTTGAGGAC	4204980	CTAGACTGAAGCTCCTTGAGGA	4205009	0	352759-A
5	GAAGTTTGAAG	4204952	CCTGTTGTTCA	4204981	GAAGTTTGAAGCCTGTTGTTCA	4205010	0	4426-A
6	TCAGTCAAC	4204953	CTCCACCA	4204982	(TCAGTCAACCTCCACCACGTG) , (TCAGTCAACCTCCACCAGCCT)	4205011, 4205094	0	(357950-A), (352721-A)
7*	TCTAAGAGAAAG	4204954	GAAGTTCAGA	4204983	TCTAAGAGAAAGGAAGTTCAGA	4205012	0	337950-A
8	GGGCAGTGGA	4204955	GCTGGAA	4204984	GGGCAGTGAGCTGGAATGATGT	4205013	1	351996-A
9	AATTGCTTGAAC	4204956	CCAAGAAGTGGA	4204985	AATCACTTGAACCCAAGAAGTG	4205014	2	351874-A
10	AGCAGCCCA	4204957	GGGTTTGT	4204986	AGCAGACCAGGGTTTGTGTT	4205015	2	352083-A
11	AGGCAAGACG	4204958	GACCAGA	4204987	AGGCAAGAGAGACCAGAGACT	4205016	2	351944-A
12	AGGGAAAGAAT	4204959	TAATGTGAA	4204988	AGGGAAATAATTAATGTGAAGTC	4205017	2	353325-A
13	AGGGAAAGAAT	4204960	TAATGTGAG	4204989	AGGAAAAAATTAATGTGAGTC	4205018	2	352649-A
14	ATTCAGTTG	4204961	CCCATGTTT	4204990	(ATTCATTGCCCATGTTTG), (TATTCATGCCCATGGTGA)	4205095, 4205019	2	A),(352957-A,352960-A)
15	CTAGACTGAAG	4204962	CTCCTTGAGG	4204991	CTGGACTGAGCTCCTTGAGGCC	4205020	2	352288-A
16	TTCAGAGTGGT	4204963	TAAGTTCTG	4204992	TTCTGATGGTTAAGTTCTGTCA	4205021	2	353875-A
17	TTCAGAGTGGT	4204964	TAAGTTCTGC	4204993	TTCAAGTGTTTAAGTTCTGCTT	4205022	2	351940-A
18	AGCAGCCCA	4204965	GAAGGAAGC	4204994	AGGCCAAGAAGGAAGCAGAGG	4205023	3	352496-A
19	AGTTTGCCTTG	4204966	TAAGAAAAG	4204995	AGTTTGTGTAAGAAAAGC	4205024	3	352518-A
20	ATCAGAGGGTG	4204967	GGTGCTAA	4204996	ATTAGGAGAGTGGGTGCTAAGT	4205025	3	352511-A
21	ATGGTGGGAG	4204968	AGTTTGTCACT	4204997	TGGAGGAGAGTTTGTCACTATAG	4205026	3	353484-A
22	CCCAGGAAG	4204969	TGGAGCCTGGGC	4204998	CCCGGTTGGAGCCTGGGCTGTG	4205027	3	351990-A
23	GGGCAGTGGA	4204970	GGTCCGT	4204999	AGGGCAGGAGTCCGTCCCTTC	4205028	3	353880-A
24	GGGCAGTGGA	4204971	TCTAGAC	4205000	GTGACAGTGAATCTAGACAGAC	4205029	3	352810-A
2S	TCAAGCTCATTC	4204972	CACTAAA	4205001	CTCAGCTCATCCACTAAATCCC	4205030	3	353184-A
26	TGGAAAGTT	4204973	GGTTGTATGGTT	4205002	GGAATGGTGGTTGTATGGTTG	4205031	3	353855-A
27	TGGAGAGTT	4204974	CCATATTTTG	4205003	TGATAGATCCATATTTGGTAA	4205032	3	352004-A
28	TGGAGAGTT	4204975	GTTTGTACAGT	4205004	TGGGTTTTGTTTGTACAGTGTA	4205033	3	353160-A
29	TCAGTCAAC	4204976	CTCCACC	4205005	TCAGTCAACCTCCACCTCCG	4205034	0	353856-A

# REPLACEMENT SHEET

**FIG. 21B**

							GAM PRECURSOR				
R O W	PRIMER SEQUENCE	SEQ ID NO	SEQUENCED PRIMER	SEQ ID NO	GAM RNA SEQUENCE	SEQ ID NO	SEQUENCE	SEQ ID NO	C H R	S T R A N D	START OFFSET
1	GGAAAGAAT	4205051	GGAAAGAATG TGGGTGCA	4205059	GGAAAGGAAA GTGGGTGCAC	4205067	GACAGTGGCAATGGGGAAAGGAAAGTGG GTGCACTCAAGCTGGCAGAAGTCAGCTAG GCAAGATGTGTAAGTGGTTCAACTTCTGC ATAGAGGAGAATGTAGGTCCTTTCCATTCT AATATAGATGTTT	4205075	11	+	6527398
2	GCAAGCGGCG	4205052	GCAAGAGGCG AGAAGCAGA	4205060	GCAAGAGTGA GAAGCAGA	4205068	CCCAGGTTCTGCAAGAGTGAGAAGCAGAA AGCCTACTTTGCGTTGCCTCTACCTGAGGA GAAGAAGCCAGGTGTGCTCTCAGATGGTC GGGGTAGTGCTTGGG	4205076	20	+	10164522
3	GGAAAGAAT	4205053	GGAAAGAATT AATGTGAG	4205061	GGAAAGGATA ATGTGAG	4205069	ATTCTTCATGTTTGGCTAAAAGAGACTCCA ACTGCTTGGCCTCTTTCTGAACCTACTATT AAGAGGAAAGGATAATGTAGGCAGGCTA GTATGGACCTGTTTACTCCGATTTCATCAA ATGGAGCTT	4205077	21	+	24398831
4	GGAAAGAAT	4205054	GGAAAGAATT AATGTGAA	4205062	GGAAAGATAA TGTGAA	4205070	GCTAGAGAGTTGAGACCGAGTGAAGGCCA CACCTCCGAGGGGAAAGATAATGTGAAGG CTCTCTCCACTGACATGTCACATGCTTTCT ACTTGACTGGGCTTCCCTAAACTTGGGTAA TTTTCAGC	4205078	6	+	50974009
5	CTTTTGCCTG	4205055	CTTTTGCCTG GGCAGGGC	4205063	CTTTTGCAGG GCAGGGC	4205071	CTCTTCTAACTTCAGTCTTTTTGTCAGGGC AGGGCTTACTCTAGGAAACTTATTGCAAG GTAAGTCAAGTCCTTAAGGTCTGGCCACT CAGAG	4205079	5	-	65170275
6	CTCTCTGGT	4205056	CTCTCTGGTT AGTACTTGGA	4205064	CTAGTCTGGTT AGTACTTGGA	4205072	AGGGTCTAGTCTGGTTAGTACTTGGATGA GAGAGACCAAATAGCAAATACTTAAATG TCTTTTCTAAGGAAATTAATTTGGCTCCT	4205080	11	+	88695685
7	GCAAGAGGCG	4205057	GCAAGAGGCG AGAAGCAGT	4205065	GCAGAGGCAG AAGCAGT	4205073	TCTTGCCTTGCACTGTCCATAAATCTGCC TGGCTTTCTGCCTGACTGCACACTAAGAAT CATGCACAGAAAGCAGAGGCAGAAGCAG TGATTGGTAAGG	4205081	1	+	193722202
8	CTCTCTGGTTA	4205058	CTCTCTGGTT AGTAATAGG	4205066	CTCTCTGGAGA GTAATAGG	4205074	CTTTGAGAAAAAGAGGCTTGTATATTCC AAGCATGAGATGATTATTAGAAACACTTA TTTTCTGTTCTCTGGAGAGTAATAGGCA TAACCCCTTATCAGGG	4205082	2	-	240247210